



PATENT  
Attorney Docket No. 362377  
Express Mail No. EL331137228US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Date: June 19, 1999 : Group Art Unit: 1616

Applicant: John B. Taylor : Examiner: A. Robinson

Serial No.: 09/109,139 :

Filed: July 2, 1998 :

FOR: PLANT FERTILIZER COMPOSITIONS CONTAINING PHOSPHONATE AND PHOSPHATE SALTS AND DERIVATIVES THEREOF

Last Office Action: March 19, 1999

Box: AF  
Assistant Commissioner for Patents  
Washington, DC 20231

Other to  
enter  
7-20-99  
O/n

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AMENDMENT

Dear Sir:

In response to the March 19, 1999, Office Action, the following amendment is submitted:

IN THE SPECIFICATION

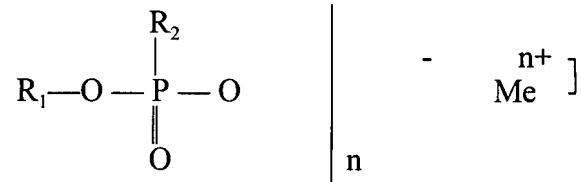
On page 16 at line 25 change "alkynyl" to --alkynyl-- and "halogen-substituted alkynyl" to --halogen-substituted alkynyl--

attorney  
authorized  
CANCELLATION  
7-20-99  
O/n

2x (Amended) A composition for fertilizing comprising:

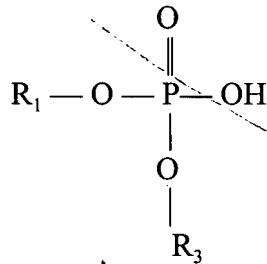
enhanced growth stimulating effective amounts of at least a first salt [having the following formula:

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selected from the group consisting of  $KH_2PO_3$ ,  $K_2HPO_3$ ,  $K_3PO_3$ ,  $NH_3H_2PO_3$ , and  $(NH_3)_2HPO_3$

and a second salt [having the following formula:



where  $R_1$  is selected from the group consisting of H, K, an alkyl radical containing from 1 to 4 carbon atoms, halogen-substituted alkyl or nitro-substituted alkyl radical, an alkenyl, halogen-substituted alkenyl, alkynyl, halogen-substituted alkynyl, alkoxy-substituted alkyl radical, and ammonium substituted by alkyl or hydroxy alkyl radicals;

$R_2$  and  $R_3$  are selected from the group consisting of H and K;

Me is selected from the group consisting of K, alkaline earth metal cations, aluminum atom, and ammonium cation; and  $n$  is a whole number from 1 to 3, equal to the valence of Me]

selected from the group consisting of  $KH_2PO_4$ ,  $K_2HPO_4$ ,  $K_3PO_4$ ,  $NH_3H_2PO_4$ , and  $(NH_3)_2HPO_4$

HPO<sub>4</sub>